



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-506185  
Lot Number: SAMPLE  
Product Name: Acridine Orange Hydrochloride (ultra pure)  
CAS Number: 65-61-2  
Molecular Formula:  $C_{17}H_{19}N_3 \cdot HCl$   
Molecular Weight: 301.81

Test	Specification	Result
Appearance		Dark orange solid
Identification (1H-NMR)		Consistent with structure
Identification (Mass Spectrometry)		Consistent with structure
Purity (HPLC)		99.8%
$\lambda_{max}$		494 nm
Carbon Content	55.28%	55.25%
Nitrogen Content	11.38%	11.27%
Zinc		1 ppm

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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